

Fact Sheet

This fact sheet is based on information submitted to the EPA and state regulatory agencies as part of the 40 CFR Part 503 Annual Sludge Report for 2008.

Biosolids are produced by the City of Chattanooga (City) Moccasin Bend Wastewater Treatment Plant and are land applied by Recyc, LLC of Boaz, AL. Biosolids are Class B lime stabilized.

Annually there were 98,228 tons applied.

- *19,373 tons applied on 2,840 acres in Alabama (5,676 acres available)

- *78,855 tons applied on 4,019 acres in Tennessee (10,540 acres available)

Value to City, Farmers, and Environment

- *\$2.84million/year savings to City.

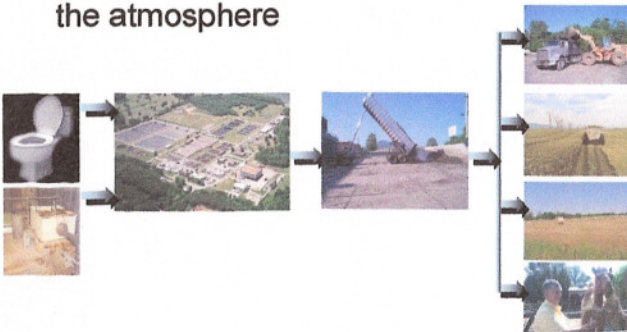
Equal to one years worth of landfill space saved.

- *\$3.67million/year savings to farmers

- *605.6 tons of Nitrogen were recycled rather than going to a landfill

- *24,665,546 cubic feet of natural gas was conserved, since farmers didn't need to purchase manufactured chemical fertilizer

- *1,487.3 tons of CO2 didn't end up in the atmosphere



The City of Chattanooga is committed to implementing a Biosolids Environmental Management System (EMS) That conforms to the National Biosolids Partnership EMS Program.

City of Chattanooga
Department of Public Works
Waste Resources Division
455 Moccasin Bend Road
Chattanooga, TN 37405



Moccasin Bend Wastewater Treatment Plant

Chattanooga's #1 Recycler

www.chattanooga.gov
www.biosolids.org

Biosolids EMS promotes
FOUR KEY OUTCOMES

ENVIRONMENTAL PERFORMANCE

Protects environment for future generations

QUALITY MANAGEMENT PRACTICES

Ensures consistent product quality

REGULATORY COMPLIANCE

Exceeds compliance with regulatory requirements

BETTER RELATIONS WITH INTERESTED PARTIES

Establish and maintain credibility

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BIOSOLIDS RECYCLING



An Environmentally Sound Way To Put A Valuable Resource To Work For All Of Us

Points of Interest

- Chattanooga began land application April 2005
- Chattanooga joined the National Biosolids Partnership August 2005.
- Prepared an Environmental Management System (EMS) Program.
- Realized increased employee awareness, improved communication, improved biosolids data management, and improved document management.
- Verified by a Third Party audit January 2009. Became the 23rd agency to receive national NBP certification & the 1st agency to do so in the State of Tennessee.
- April 16, 2009 Chattanooga's MBWWTP celebrated its NBP certification.

Goals

- Maintain and improve relations with interested parties.
- Maintain and improve biosolids regulatory compliance.
- Strive for diversity in biosolids beneficial reuse options.
- Continue to improve environmental performance.

Events

- Thursday, September 24, 2009 Sustainability Committee Meeting at MBWWTP Training Center, 11:00 a.m. – 1:00 p.m. Lunch will be served.
- Friday, October 2, 2009 Opening Meeting of the Internal Audit Team at MBWWTP Training Center, 8:00 a.m. All interested parties are invited to attend.
- Friday, October 23, 2009 Exit Meeting of the Internal Audit Team at MBWWTP Training Center, 8:00 a.m. All interested parties are invited to attend.

Did you know?

In the United States, all biosolids recycling must meet strict quality criteria and regulations set by the U.S. Environmental Protection Agency (EPA).

and

The U.S. Department of Agriculture and the U.S. Food and Drug Administration also encourage the beneficial use of biosolids.

